



PATENT  
CHEP:004US

RECEIVED  
JAN 6 2003  
OFFICE OF PETITIONS

## DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHOD FOR PREPARING 1,3-PROPANEDIOL BY A RECOMBINANT MICRO-ORGANISM IN THE ABSENCE OF COENZYME B12 OR ONE OF ITS PRECURSORS**, the Specification of which:



is attached hereto.

was filed on **January 9, 2002** as Application Serial No. **10/043,639**.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent, United States provisional application(s), or inventor's certificate listed below and have also identified below any foreign application for patent, United States provisional application, or inventor's certificate having a filing date before that of the application on which priority is claimed:

| PRIORITY APPLICATION(S) |                     |                              | Priority<br>Claimed |
|-------------------------|---------------------|------------------------------|---------------------|
| 99/08939<br>(Number)    | France<br>(Country) | July 9, 1999<br>(Date Filed) | YES<br>Yes/No       |
| (Number)                | (Country)           | (Date Filed)                 | Yes/No              |

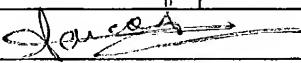
I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below or any PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56,

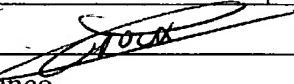
which become available between the filing date of the prior application and the national or PCT international filing date of this application:

|  |                               |                     |
|--|-------------------------------|---------------------|
| PCT/FR00/01981<br>(Application Serial No.) | July 7, 2000<br>(Filing Date) | Pending<br>(Status) |
| (Application Serial No.)                   |                               | (Filing Date)       |
|  |                               | (Status)            |

I hereby direct that all correspondence and telephone calls be addressed to Mark B. Wilson, Fulbright & Jaworski L.L.P., 600 Congress Avenue, Suite 2400, Austin, Texas 78701, (512) 474-5201.

I HEREBY DECLARE THAT ALL STATEMENTS MADE OF MY OWN KNOWLEDGE ARE TRUE AND THAT ALL STATEMENTS MADE ON INFORMATION AND BELIEF ARE BELIEVED TO BE TRUE; AND FURTHER THAT THESE STATEMENTS WERE MADE WITH THE KNOWLEDGE THAT WILLFUL FALSE STATEMENTS AND THE LIKE SO MADE ARE PUNISHABLE BY FINE OR IMPRISONMENT, OR BOTH, UNDER SECTION 1001 OF TITLE 18 OF THE UNITED STATES CODE AND THAT SUCH WILLFUL FALSE STATEMENTS MAY JEOPARDIZE THE VALIDITY OF THE APPLICATION OR ANY PATENT ISSUED THEREON.

|  |   |                    |
|--|---|--------------------|
| Inventor's Full Name:  | Patricia  | Sarcabal           |
| Inventor's Signature:  |  |                    |
| Country of Citizenship:  | France  | Date: 07 mars 2002 |
| Residence Address:<br>(street, number, city, state,<br>and/or country) | Appartement 30<br>Résidence Colbert<br>80 rue du Midi<br>31400 Toulouse<br>France   |                    |
| Post Office Address:<br>(if different from above)                      |   |                    |

|  |   |                |
|--|---|----------------|
| Inventor's Full Name:  | Christian   | Croux          |
| Inventor's Signature:  |  |                |
| Country of Citizenship:  | France  | Date: 28.03.02 |
| Residence Address:<br>(street, number, city, state,<br>and/or country) | 1 bis allé des Aubépines<br>31320 Castanet Tolosan<br>France                      |                |
| Post Office Address:<br>(if different from above)                      |   |                |

|  |   |                |
|--|---|----------------|
| Inventor's Full Name:  | Philippe  | Soucaille      |
| Inventor's Signature:  |  |                |
| Country of Citizenship:  | France  | Date: 25.03.02 |
| Residence Address:<br>(street, number, city, state,<br>and/or country) | Chant du Coucou<br>31450 Deymè<br>France  |                |
| Post Office Address:<br>(if different from above)                      |   |                |



SEARCHED SERIALIZED FILED

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Patricia Sarcabal, et al.

Serial No.: 10/043,639

Filed: January 9, 2002

For: METHOD FOR PREPARING 1,3-  
PROPANEDIOL BY A RECOMBINANT  
MICRO-ORGANISM IN THE ABSENCE  
OF COENZYME B12 OR ONE OF ITS  
PRECURSORS

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: CHEP:004US/MBW

RECEIVED  
JAN 6 2003  
OFFICE OF PETITIONS

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73  
AND POWER OF ATTORNEY

Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned, being an Assignee of record of an interest in the above-identified application by virtue of an assignment recorded in the United States Patent and Trademark Office as set forth below, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

The Assignee hereby revokes any previous Powers of Attorney and appoints:

Louis T. Pirkey, Reg. No. 22,393; David D. Bahler, Reg. No. 30,932; David L. Parker, Reg. No. 32,165; Richard J. Groos, Reg. No. 32,231; Stephen D. Dellett, Reg. No. 32,564; William G. Barber, Reg. No. 33,154; Michael S. Metteauer, Reg. No. 34,875; John J. Bruckner, Reg. No. 35,816; Mark B. Wilson, Reg. No. 37,259; Daniel J. Brennan, Reg. No. 37,287; Steven L. Highlander, Reg. No. 37,642; Erik R. Nordstrom, Reg. No. 39,792; Stephen P. Meleen, Reg. No. 40,724; Robert E. Hanson, Reg. No. 42,628; Thomas M. Boyce, Reg. No. 43,508; Michael C. Barrett, Reg. No. 44,523; Mark T. Garrett, Reg. No. 44,699; Gina N. Shishima, Reg. No. 45,104; and Priya D. Subramony, Reg. No. P-50,939;

each an attorney or agent of the firm of FULBRIGHT & JAWORSKI L.L.P., as its attorney or agent for so long as they remain with such firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent,

and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

Pursuant to 37 C.F.R. § 3.73, the undersigned has reviewed the evidentiary documents, specifically the Assignment to INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE TOULOUSE, referenced below, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

Please direct all communications as follows:

Mark B. Wilson  
FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701  
(512) 474-5201

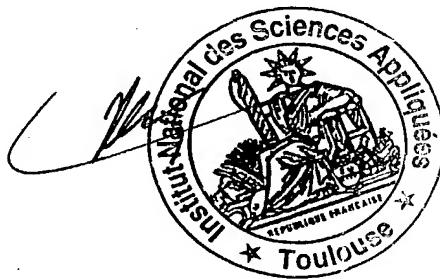
ASSIGNEE:  
INSTITUT NATIONAL DES SCIENCES  
APPLIQUEES DE TOULOUSE

By: \_\_\_\_\_  
Name: Louis CASTEX  
Title: Délégué

Date: April 10, 2002

ASSIGNMENT:

Concurrently filed  
 Previously recorded  
Date: \_\_\_\_\_  
Reel: \_\_\_\_\_  
Frames: \_\_\_\_\_





16 10  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Patricia Sarcabal, et al.

Serial No.: 10/043,639

Filed: January 9, 2002

For: METHOD FOR PREPARING 1,3-  
PROPANEDIOL BY A RECOMBINANT  
MICRO-ORGANISM IN THE ABSENCE  
OF COENZYME B12 OR ONE OF ITS  
PRECURSORS

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: CHEP:004US/MBW

RECEIVED  
JAN 6 2003  
OFFICE OF PETITIONS

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73  
AND POWER OF ATTORNEY

Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned, being an Assignee of record of an interest in the above-identified application by virtue of an assignment recorded in the United States Patent and Trademark Office as set forth below, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

The Assignee hereby revokes any previous Powers of Attorney and appoints:

Louis T. Pirkey, Reg. No. 22,393; David D. Bahler, Reg. No. 30,932; David L. Parker, Reg. No. 32,165; Richard J. Groos, Reg. No. 32,231; Stephen D. Dellett, Reg. No. 32,564; William G. Barber, Reg. No. 33,154; Michael S. Metteauer, Reg. No. 34,875; John J. Bruckner, Reg. No. 35,816; Mark B. Wilson, Reg. No. 37,259; Daniel J. Brennan, Reg. No. 37,287; Steven L. Highlander, Reg. No. 37,642; Erik R. Nordstrom, Reg. No. 39,792; Stephen P. Meleen, Reg. No. 40,724; Robert E. Hanson, Reg. No. 42,628; Thomas M. Boyce, Reg. No. 43,508; Michael C. Barrett, Reg. No. 44,523; Mark T. Garrett, Reg. No. 44,699; Gina N. Shishima, Reg. No. 45,104; and Priya D. Subramony, Reg. No. P-50,939;

each an attorney or agent of the firm of FULBRIGHT & JAWORSKI L.L.P., as its attorney or agent for so long as they remain with such firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent,

and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

Pursuant to 37 C.F.R. § 3.73, the undersigned has reviewed the evidentiary documents, specifically the Assignment to INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, referenced below, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

Please direct all communications as follows:

Mark B. Wilson  
FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701  
(512) 474-5201

ASSIGNEE:  
INSTITUT NATIONAL DE LA RECHERCHE  
AGRONOMIQUE

By: Gilles Bariteau  
Name: Gilles Bariteau  
Title: Directeur de l'Unité Contrôle et  
Propriété intellectuelle  
Date: April 10, 2002

ASSIGNMENT:

Concurrently filed  
 Previously recorded  
Date: \_\_\_\_\_  
Reel: \_\_\_\_\_  
Frames: \_\_\_\_\_



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Patricia Sarcabal

Serial No.: 10/043,639

Filed: January 9, 2002

For: METHOD FOR PREPARING 1,3-  
PROPANEDIOL BY A RECOMBINANT  
MICRO-ORGANISM IN THE ABSENCE  
OF COENZYME B12 OR ONE OF ITS  
PRECURSORS

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: CHEP:004US/MBW

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73  
AND POWER OF ATTORNEY

Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned, being an Assignee of record of an interest in the above-identified application by virtue of an assignment recorded in the United States Patent and Trademark Office as set forth below, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

The Assignee hereby revokes any previous Powers of Attorney and appoints:

Louis T. Pirkey, Reg. No. 22,393; David D. Bahler, Reg. No. 30,932; David L. Parker, Reg. No. 32,165; Richard J. Groos, Reg. No. 32,231; Stephen D. Dellett, Reg. No. 32,564; William G. Barber, Reg. No. 33,154; Michael S. Metteauer, Reg. No. 34,875; John J. Bruckner, Reg. No. 35,816; Mark B. Wilson, Reg. No. 37,259; Daniel J. Brennan, Reg. No. 37,287; Steven L. Highlander, Reg. No. 37,642; Erik R. Nordstrom, Reg. No. 39,792; Stephen P. Meleen, Reg. No. 40,724; Robert E. Hanson, Reg. No. 42,628; Thomas M. Boyce, Reg. No. 43,508; Michael C. Barrett, Reg. No. 44,523; Mark T. Garrett, Reg. No. 44,699; Gina N. Shishima, Reg. No. 45,104; and Priya D. Subramony, Reg. No. P-50,939;

each an attorney or agent of the firm of FULBRIGHT & JAWORSKI L.L.P., as its attorney or agent for so long as they remain with such firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent,

RECEIVED  
JAN 6 2003  
OFFICE OF PETITIONS

and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

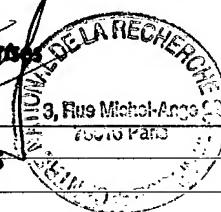
Pursuant to 37 C.F.R. § 3.73, the undersigned has reviewed the evidentiary documents, specifically the Assignment to CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, referenced below, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

Please direct all communications as follows:

Mark B. Wilson  
FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701  
(512) 474-5201

ASSIGNEE:  
CENTRE NATIONAL DE LA RECHERCHE  
SCIENTIFIQUE

Le Délégué aux Entreprises  
par interim



By: \_\_\_\_\_  
Name: Joseph BAIXERAS  
Title: \_\_\_\_\_

Date: April 10, 2002

ASSIGNMENT:

Concurrently filed  
 Previously recorded  
Date: \_\_\_\_\_  
Reel: \_\_\_\_\_  
Frames: \_\_\_\_\_